

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (previously presented) A method for automatically commissioning a user terminal to exchange traffic over a two-way satellite communication system, the method comprising:

receiving location information associated with an antenna;

instructing a user to point the antenna to a beacon satellite using predefined pointing values based upon the location information, wherein the beacon satellite serves as a temporary default satellite during commissioning;

establishing a temporary channel over the beacon satellite to a hub;

collecting user information over the temporary channel to the hub;

receiving network configuration parameters and antenna pointing parameters downloaded from the hub;

selectively instructing the user to re-point the antenna based upon the downloaded antenna pointing parameters; and

configuring the user terminal based upon the downloaded network configuration parameters.

Claim 2. (original) The method according to claim 1, wherein the beacon satellite in the establishing step has a designated default transponder to support the temporary channel.

Claim 3. (original) The method according to claim 1, wherein the hub in the establishing step has connectivity to a packet switched network.

Claim 4. (original) The method according to claim 3, wherein the packet switched network is an IP (Internet Protocol) network, the temporary channel supporting TCP/IP (Transmission Control Protocol/Internet Protocol).

Claim 5. (original) The method according to claim 1, wherein the network configuration parameters in the receiving step include IP address of the user terminal, and an IP address of a domain name server.

Claim 6. (previously presented) The method according to claim 1, wherein the antenna pointing parameters in the receiving step include satellite latitude, satellite longitude, satellite polarization, satellite polarization offset, and satellite frequency.

Claim 7. (original) The method according to claim 6, wherein the user information in the collecting step include billing information, account information, and service plan selection information.

Claim 8. (previously presented) A system for performing auto-commissioning over a two-way satellite network, the system comprising:

- a transceiver configured to transmit and receive signals over the two-way satellite network;

- an antenna coupled to the transceiver; and

- a user terminal coupled to the transceiver and configured to execute a setup program,

wherein the program instructs a user to point the antenna to a beacon satellite using predefined pointing values based upon the location of the antenna, and the beacon satellite serves as a temporary default satellite during the auto-commissioning, the user providing user information over a temporary channel that is established via the beacon satellite to a hub that is configured to download network configuration parameters and antenna pointing parameters to the user terminal, the user selectively re-pointing the antenna based upon the downloaded antenna pointing parameters, the user terminal being configured based upon the downloaded network configuration parameters.

Claim 9. (original) The system according to claim 8, wherein the beacon satellite has a designated default transponder to support the temporary channel.

Claim 10. (original) The system according to claim 8, wherein the hub has connectivity to a packet switched network.

Claim 11. (original) The system according to claim 10, wherein the packet switched network is an IP (Internet Protocol) network, the temporary channel supporting TCP/IP (Transmission Control Protocol/Internet Protocol).

Claim 12. (original) The system according to claim 8, wherein the network configuration parameters include IP address of the user terminal, and an IP address of a domain name server.

Claim 13. (previously presented) The system according to claim 8, wherein the antenna pointing parameters include satellite latitude, satellite longitude, satellite polarization, satellite polarization offset, and satellite frequency.

Claim 14. (original) The system according to claim 13, wherein the user information include billing information, account information, and service plan selection information.

Claim 15. (previously presented) A system for performing auto-commissioning over a two-way satellite network, the system comprising:

means for receiving location information associated with an antenna;

means for instructing a user terminal to point the antenna to a beacon satellite using predefined pointing values based upon the input location information, wherein the beacon satellite serves as a temporary default satellite during the auto-commissioning;

means for establishing a temporary channel over the beacon satellite to a hub;

means for collecting user terminal information over the temporary channel to the hub;

means for receiving network configuration parameters and antenna pointing parameters downloaded from the hub;

means for selectively instructing the user terminal to re-point the antenna based upon the downloaded antenna pointing parameters; and

means for configuring the user terminal based upon the downloaded network configuration parameters.

Claim 16. (original) The system according to claim 15, wherein the beacon satellite has a designated default transponder to support the temporary channel.

Claim 17. (original) The system according to claim 15, wherein the hub has connectivity to a packet switched network.

Claim 18. (original) The system according to claim 17, wherein the packet switched network is an IP (Internet Protocol) network, the temporary channel supporting TCP/IP (Transmission Control Protocol/Internet Protocol).

Claim 19. (original) The system according to claim 15, wherein the network configuration parameters include IP address of the user terminal, and an IP address of a domain name server.

Claim 20. (previously presented) The system according to claim 15, wherein the antenna pointing parameters include satellite latitude, satellite longitude, satellite polarization, satellite polarization offset, and satellite frequency.

Claim 21. (previously presented) The system according to claim 20, wherein the user information includes billing information, account information, and service plan selection information.

Claim 22. (previously presented) A computer-readable medium carrying one or more sequences of one or more instructions for automatically commissioning a user terminal to exchange traffic over a two-way satellite communication system, the one or more sequences of one or more instructions including instructions which, when executed by one or more processors, cause the one or more processors to perform the steps of:

receiving location information associated with an antenna;
instructing a user to point the antenna to a beacon satellite using predefined pointing values based upon the location information, wherein the beacon satellite serves as a temporary default satellite during the commissioning;
establishing a temporary channel over the beacon satellite to a hub;
collecting user information over the temporary channel to the hub;
receiving network configuration parameters and antenna pointing parameters downloaded from the hub;
selectively instructing the user to re-point the antenna based upon the downloaded antenna pointing parameters; and
configuring the user terminal based upon the downloaded network configuration parameters.

Claim 23. (original) The computer-readable medium according to claim 22, wherein the beacon satellite in the establishing step has a designated default transponder to support the temporary channel.

Claim 24. (original) The computer-readable medium according to claim 22, wherein the hub in the establishing step has connectivity to a packet switched network.

Claim 25. (original) The computer-readable medium according to claim 24, wherein the packet switched network is an IP (Internet Protocol) network, the temporary channel supporting TCP/IP (Transmission Control Protocol/Internet Protocol).

Claim 26. (original) The computer-readable medium according to claim 22, wherein the network configuration parameters in the receiving step include IP address of the user terminal, and an IP address of a domain name server.

Claim 27. (previously presented) The computer-readable medium according to claim 22, wherein the antenna pointing parameters in the receiving step include satellite longitude, satellite polarization, satellite polarization offset, and satellite frequency.

Claim 28. (original) The computer-readable medium according to claim 27, wherein the user information in the collecting step include billing information, account information, and service plan selection information.